

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Frederick A. Perner et al

Confirmation No.: 2670

Application No.: 10/806709

Examiner: LE, Thong Quoc

Filing Date: Mar 23, 2004

Group Art Unit: 2827

Title: Soft Reference Three Conductor Magnetic Memory Storage Device

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- () under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97 (c) together with either a:
() Statement under 37 CFR 1.97(e), or
(X) a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
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Please charge to Deposit Account **08-2025** the sum of \$180.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: APR 4, 2006

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Typed Name: Eileen Lehmann

Signature: Eileen Lehmann

Respectfully submitted,

Frederick A. Perner et al

By Eileen Lehmann

Eileen Lehmann

Attorney/Agent for Applicant(s)

Reg. No. **39272**

Date: **APR 4, 2006**

Telephone No.: **650 857 7940**



PTO/SB/08A (08-03)

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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of

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Application Number	10/806709
Filing Date	March 23, 2004
First Named Inventor	Frederick A Perner
Art Unit	2827
Examiner Name	LE, Thong Quoc
Attorney Docket Number	200308998-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 20030169620	09-11-2003	Sharma et al	
		US- 20030057461	03-27-2003	Tran et al	
		US- 6358757	03-19-2002	Anthony	
		US- 20050174836	08-11-2005	Sharma et al	
		US- 6,188,615	02-13-2001	Perner et al.	
		US- 20030111626	06-19-2003	Hosotani	
		US- 6,191,577	02-20-2001	Sasaki et al.	
		US- 6,248,416	06-19-2001	Lambeth et al.	
		US- 2004/0170054	09-02-2004	Mattheis et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 1061592	12-20-2000	Matsushita Elec		

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Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		A.E. Berkowitz et al. "Exchange Anisotropy- A Review", Journal of Magnetizm and Magnetic Materials 200(1999) 552-570 (12 March 1999)	
		J. Nogues, Ivan K. Schuller "Exchange Bias", Journal of Magnetizm and Magnetic Materials 192(1999) 203-232 (5 March 1998)	

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